

Concurrent Sessions

Next Generation, Web-Based Education Development Plan (EDP) Software
Imperial Ballroom, Lobby Level **T101**

Craig Lutz, President, ThirdCoast Software Development, Inc.
Deborah Boyt-Bildner, Education Coordinator, Career and Technical Education, Jackson County Intermediate School District

After years of supporting and developing On-Line EDP, ThirdCoast is unveiling its much-anticipated, next-generation EDP software—ThirdCoast EDP. Completely rewritten and optimized for performance and flexibility, the software includes many new features. Come to this session and see what all the excitement is about.

A roundtable discussion on this topic will be conducted in the Ambassador Ballroom East on Wednesday, February 5, 10:30–11:30 a.m.

Career Pathways Nights “Year Two”
Pantlind Ballroom, Concourse Level **T102**

Jim Rudnick, Education for Employment Director, Kalamazoo County Education for Employment

To help expose high-school students to potential careers in each of the six Career Pathways, Kalamazoo County has completed its second year of Career Pathways Nights. This countywide event brings together speakers from the community to share their expertise in a number of occupational categories under each Pathway.

Integrated Career Technical Education (CTE) Delivery Model
President Ford Room, Concourse Level **T103**

Bob Westdorp, Assistant Director, Calhoun Area Technology Center
Mary Mills, 21st Century Health Careers Teacher, Calhoun Area Technology Center
Jim Martemucci, Law Enforcement Teacher, Calhoun Area Technology Center

A 2001–02 Governor’s Excellence in Practice Award winner for Calhoun Area Technology Center’s (CATC’s) Integrated CTE Program Partnership Model, this session will highlight the planning, goals, and partnerships that make our 21st Century Health Careers and Law Enforcement/Criminal Justice programs’ models worth replicating. The combination of dynamic CATC and Kellogg Community College staff and business partners eager to promote their fields prepares motivated students for real-world success.

Want To Learn More About Work-Based Learning? How About the Michigan Career Placement Association (MCPA)?
Haldane Room, Conference Level **T104**

Chuck Chronicle, Placement Specialist, Genesee Area Skills Center (GASC)
Melissa Gilbert, District Coordinator, Traverse Bay Area Career-Tech Center
Ed Haynor, School-to-Work Supervisor, Newaygo County Intermediate School District

The focus of this session will be to identify quality work-based learning practices, and how to conduct an effective work-based learning program. Participants will be surveyed in regard to their work-based learning needs and will receive a sample outline for measuring and monitoring their own work-based learning programs. MCPA is an organization consisting of educators throughout the state who conduct work-based learning and placement programs with secondary youth and the employment community. Officers of the organization will be on hand to discuss work-based learning issues.

Print Media Careers: Turning On a New Generation of Employee
Nelson Room, Conference Level **T105**

Patrick Klarecki, Department Chair, Ferris State University

Do you teach journalism, English, business, or art? Do you act as an advisor to the school newspaper or yearbook? Would you like to get some ideas on how to direct the talents of your students into a rewarding career? This informative presentation will give strategies on how you can introduce your talented students to one of the largest-employing industries in the United States—print media.

Pre-Apprenticeship Training—A Missing Link
Product Presentation
Winchester Room, Conference Level **T106**

Jack Martin, President, Jack Martin & Associates
Dave Namenye, Associate, Jack Martin & Associates

Pre-Apprenticeship “Basic Skills” Training is utilized in preparing adult and vocational students to pass apprenticeship entry examinations. Discussion topics include the current need for skilled-trade candidates, workbook utilization, curriculum design, and examples of partnerships with business and labor. Handouts include apprenticeship requirements, job placement strategies, and aids for curriculum implementation.

A Journey: Academic Integration in a Career-Technical Center

Grandview Room A, Conference Level

T107

Mary Smith, Instructional Services Coordinator, Traverse Bay Area Career-Tech Center
Janie Lesinski, Instructional Services Coordinator, Traverse Bay Area Career-Tech Center
Jim Wrede, Automotive Tech Academy Instructor, Traverse Bay Area Career-Tech Center
Leeann Fountain, Medical Careers Technology Instructor, Traverse Bay Area Career-Tech Center

Since 1994, the Traverse Bay Area Career-Tech Center has traveled on a journey to integrate academics into the technical curriculum. This has encompassed reassignment of staff, professional development, curriculum mapping, and development of instructional materials. This session will detail the process the center has followed in its quest for authentic academic integration, and provide participants with templates, curriculum mapping examples, and instructional materials that can be used in their centers.

From Curiosity to a Career; Igniting a Passion in Children That Leads to a Life Path

Atrium Room, Atrium Level

T108

Donna Roberts, Administrative Director, Michigan Parents, Teachers, and Students Association (Michigan PTSA)
Barbara Blanchard, Vice President of Leadership Services, Michigan Parents, Teachers, and Students Association (Michigan PTSA)

Strong parent-child relationships are associated with progress in career decision-making and affirmative career self-efficacy beliefs, regardless of family structure or parents' educational and occupational status. This presentation will help you develop a new and richer view of parent involvement and enable you to help families become more able to promote career readiness.

Explore More: Linking Assessment and the Education Development Plan (EDP)

Kendall Room, Conference Level

T109

Tracey Taylor, Assessment Coordinator, Jackson County Intermediate School District
Paula Freehling, CTE Education Coordinator, Jackson County Intermediate School District
Jack Converse, Media Consultant, Jackson Area Career Center

This workshop will provide participants with information that is useful when working with high-school-age students. Practical assessment tools will be addressed and linked to the Education Development Plan. A model for utilizing this information in an effective Career-Technical Education program placement will be presented. Highly recommended for

those who are involved in education, career counseling, and career preparation.

Building on Our Strengths Together: Secondary and Postsecondary Partners

Vandenberg Room A, Concourse Level

T110

Debra Cox, Educational Counselor, Ferris State University
Mary Steeno, Educational Counselor, Ferris State University
Leisa Chapin, Teacher, School to Work, Lakeview Public Schools
Todd Grothe, Counselor, Reed City High School
Geryl Roshak, Teacher, Chippewa Hills High School

Ferris State University counselors and local high school teachers and counselors have collaborated to develop Career Exploration/Career Pathways experiences for high-school students. Several models have evolved from the initial project. The workshop highlights current models and creative activities, and includes an interactive panel discussion.

Summer SUNsation

Thornapple Room, Conference Level

T111

Margaret McAvoy, Director, Business & Corporate Services Division, Baker College
Charles Sumrack, Business & Technical Programs Coordinator, Business & Corporate Services Division, Baker College

Summer SUNsation, a private/public partnership with Baker College of Owosso and Career Alliance, is a unique Workforce Investment Act youth opportunity, which incorporates Career Connections, Count by Letters, Technology Explorations, and Employment Preparation. In this session you will learn about these different components and how they keep the future workforce striving toward a successful future in work and life.

Career Awareness Packets: Literature-Based Curriculum, Pre-Kindergarten Through Sixth Grade Product Presentation

Riverview Room, Lobby Level

T112

Paula Horabin, Co-Owner and Developer, The Storybook Station
Molly Slavonic, Co-Owner & Developer, The Storybook Station

The Storybook Station's Career Awareness Program for Pre-Kindergarten through Sixth Grade is designed to introduce students to various careers that exist in the world around us. The literature-based curriculum focuses on careers selected from a six-career pathway design and integrates them into an existing curriculum. The presentation is an overview of the careers and the

literature.

What Is GEAR UP and Why Is It Important to America's Young People?

Continental Room, Lobby Level

T 1 1 3

Mike Beamish, Director, GEAR UP Michigan!, Office of Postsecondary Services, Michigan Department of Career Development (MDCD)

James L. Davis, Management Analyst, GEAR UP, U.S. Department of Education

Gaining Early Awareness and Readiness for Undergraduate Programs (GEAR UP) is designed to increase the number of low-income students who are prepared to enter and succeed in postsecondary education. As part of the Higher Education Amendments of 1998, GEAR UP grants have been awarded to 35 states and more than 300 partnership sites across the country. This presentation will provide the federal perspective and explain how GEAR UP is being implemented in the state of Michigan.

Freshman Focus to Senior Experience—Contextual Learning and Accountability

Vandenberg Room B, Concourse Level

T 1 1 4

Anthony Noto, School-to-Career Coordinator, Kentwood Public Schools

Michael Bacon, English, Video Editing, Yearbook Instructor, East Kentwood High School

Mary Frye, Guidance Counselor Department Head, East Kentwood High School

Jenni Kotarski, Spanish Instructor, Freshman Focus Coordinator, East Kentwood Freshman Campus

Freshman Focus to Senior Experience has entered its fourth year. We will provide attendees with our enthusiastic experience of linking School-to-Career with the support groups that make it successful. We would like to share our successes as well as our hurdles in continuing to develop strategies that work best for our students, teachers, parents, and community.

Advanced Pathways in Educational Career Excellence

Berkey Room, Conference Level

T 1 1 5

Robert Morrish, Associate Dean, Trade & Apprenticeship Education, Henry Ford Community College

Dennis Dopke, Partnership Liaison, Utility Workers of America Local 223

Jullianne Phillips, Senior Corporate Development Specialist, DTE Energy

The Advanced Pathways in Educational Career Excellence is a process developed by a team from the Utility Workers Union of America Local 223, DTE Energy, Henry Ford Community College, and other educational communities. A partnership was formed to design a "Model Vocational Career Track Program." This program will prepare high school students for careers in the skilled trades and crafts. We will share with you our successful strategies.

Manufacturing Is Cool II

Emerald Room A, Concourse Level

T 1 1 6

Joe Nowicki, Senior Advisor, Society of Manufacturing Engineers (SME) Chapter 38, Grand Rapids

Bonnie Knopf, Membership Retention Manager, Society of Manufacturing Engineers (SME) Chapter 38, Grand Rapids

Nancy Maier, Member Services Manager, Society of Manufacturing Engineers (SME) Headquarters

Industry in America centers around manufacturing and manufacturing engineering to design, engineer, tool up, and produce the products that are used domestically and exported around the world. Manufacturing is still the most vital element in our economy. We can help students and young adults to focus in the right direction to plan an active and successful path to a rewarding career in manufacturing.

21st Century Skills for Students With Disabilities

Heritage Hill Room, Conference Level

T 1 1 7

Rosanne Renauer, Manager, Resource Development, Michigan Rehabilitation Services, Michigan Department of Career Development (MDCD)

Lynn Boza, Consultant, Transition Services Project, Michigan Rehabilitation Services, Michigan Department of Career Development (MDCD)

Students with special needs can get the work experience and support they need to obtain employment. Learn how Michigan Rehabilitation Services works with students, postsecondary schools, and the community to make sure Michigan's future workforce is well-trained and qualified.

Bring the Real World Into the Classroom and Curriculum

Grandview Room B/C, Conference Level **T 118**

Barbara Dursum, Director, Oakland Community College/Tech Prep Consortium

This session will demonstrate how to integrate real world experience into the classroom and curriculum. Based upon the premise that integrating real experiences into the curriculum is a viable process for making system curriculum change, the Oakland County Tech Prep Consortium and Career Focused Education Team have developed a countywide externship program. The experience has been enthusiastically received by educators and business partners. Participants in this session will receive information for coordinating the externship on a large-scale basis, development of worksite learning, and the process from the education and business perspectives.

Water & Me—Exploration Into Scientific Investigation Through Coastal Cleanup and Water Quality Service-Learning Projects

Emerald Room B, Concourse Level **T 119**

Karen Peabody, Service-Learning/Center Coordinator, Onekama Consolidated School District
Barb Eldridge, Fifth Grade Teacher/Webmaster, Onekama Consolidated School District

This session will explore the Agriscience/Natural Resources Career Pathway through two environmental service-learning projects. National Leader School staff and students will involve participants in interactive activities and share the necessary components, resources, and partnership to involve students in real-world problem solving. Participants will acquire curriculum templates, rubrics, and activity packets, along with detailed guidelines for technology integration in math and science curriculums.

Taking Education Development Plans (EDPs) to the Next Level—School Informational Technology and Electronic Portfolios

Cascade Room, Atrium Level **T 120**

Dr. Robert Hansen, Crystal Software, Inc.
Judith Lindner, Vice President, Lindner/Hansen Associates

This presentation will present information on how to utilize the data from electronic EDPs in the Michigan Occupational Information System (MOIS) to create an information technology database that can drive Pathways schools toward quality improvements. You will learn how this database can further be “mined” to provide contextual teaching/learning opportunities for teachers in the classroom. In addition, the database can be used to create electronic portfolios for the students, thereby enabling them to become conscious of all aspects of their career-building activities during high school.

Meet the Owners

Ottawa Room, Lobby Level **T 121**

Beth Kuriluk, Third Grade Teacher, Silver Springs Elementary
Jan Purtell, Education Partnerships Facilitator, Northville Public Schools
Laurie Marrs, Executive Director, Northville Chamber of Commerce
Julie Fraser, Owner, Fraser Inn

Meet the Owners is a project-based elementary career awareness and exploration project. This 2002 Governor’s Excellence in Practice Award-winning project is aligned with social studies, language arts, and Career Employability Skills curriculum content standards. This session will highlight a wide range of partnerships involving 12 community employers, the chamber of commerce, and the newspaper—*The Northville Record*.

Spotlight Presentations

Reaching the Comprehensive Guidance and Counseling Benchmarks in

Michigan's Career Preparation System
Cascade Room, Atrium Level **T201**

Dr. Laura B. Ward, Educational and Career Development Consultant, Career Connections II

The implementation of a comprehensive guidance and counseling program plays an important role in Michigan's Career Preparation System. It is imperative for schools to design and implement a program that addresses the needs of all students. Come and learn how to help your school/district achieve the benchmarks for comprehensive guidance and counseling.

A roundtable discussion on this topic will be conducted in the Ambassador Ballroom East on Wednesday, February 5, 10:30–11:30 a.m.

Implementation of Career Pathways Strategies

Pantlind Ballroom, Concourse Level **T202**

Moderator: Patty Cantu, Director, Office of Career and Technical Preparation, Michigan Department of Career Development (MDCD)

Dr. Gerald Stinnett, Superintendent, Williamston Community Schools

Paul Bergan, Regional Director, Career-Technical Education, Berrien County Intermediate School District

Peter F. Brock, Superintendent, Hillman Community Schools

Commitment to Career Pathways across the state is at record levels, but schools are at various stages of implementation. During this session, participants will learn from proven experts how implementation can be achieved using very different approaches.

Each presenter will conduct a roundtable discussion in the Ambassador Ballroom East on Wednesday, February 5, 10:30–11:30 a.m.

Integration of WorkKeys®, Worldwide Instructional Design System (WIDS), and PLATO® in an Open-Learning Environment

Imperial Ballroom, Lobby Level

T203

Katherine Nemeth, Provost, M-TECSM at Kirtland-Gaylord, Kirtland Community College

Doty Latuszek, Associate Dean, Industrial and Construction Technology, M-TECSM at Kirtland-Gaylord, Kirtland Community College

The M-TECSM at Kirtland-Gaylord, Kirtland Community College, has adopted a fully integrated student learning model for career and technical programs in carpentry; electrical technology; industrial maintenance; machining; welding; and heating, ventilation, air conditioning, and refrigeration (HVACR) that utilizes WorkKeys®, the Worldwide Instructional Design System (WIDS), and PLATO® to support an open learning environment. WorkKeys® minimum performance levels are identified in program goal statements and course prerequisites and are also used as pre- and post-assessments to determine minimum student performance levels for possible Career Readiness Certification endorsement. The alignment of PLATO® and WorkKeys® allows students to take open-learning courses utilizing interactive software to develop basic career readiness skills in applied math, reading, writing, and locating information necessary for success in the workforce. WIDS provides an excellent, consistent framework for course information and the linking of national standards, course goals, and objectives.

Each presenter will conduct a roundtable discussion in the Ambassador Ballroom East on Wednesday, February 5, 10:30–11:30 a.m.

Economic Development, Career Development, and the Traditional College: Redefining the Linkages

President Ford Room, Concourse Level **T204**

Tim Nelson, President, Northwestern Michigan College
Marguerite Cotto, Executive Director, University Center, Northwestern Michigan College
Kirk Hornburg, Executive Director, M-TECSM, Northwestern Michigan College

Investing in workforce development may be clear to an employer, but how can colleges improve internal acceptance of programs that aren't measured by credit hours or degrees? Rethinking the "learner" is one president's strategy to transform a college's understanding of the resources needed to be competitive in the 21st century.

There will be a roundtable discussion in the Ambassador Ballroom East on Wednesday, February 5, 10:30–11:30 a.m.

Career Development Facilitators: Who Are They and What Do They Do?
Vandenberg Room A/B, Concourse Level **T205**

Dr. Jane Goodman, Associate Professor and Director, Adult Career Counseling Center, Department of Counseling, Oakland University

During this session you will learn about the Career Development Facilitator (CDF) training program and how you can become a CDF. You will have an opportunity to experience, in miniature, some of the training components.

There will be a roundtable discussion in the Ambassador Ballroom East on Wednesday, February 5, 10:30–11:30 a.m.

How To Be Successful Through Mentoring
Atrium Room, Atrium Level **T206**

Ian McEwan, FIRST Midwest Regional Director

See how taking on exciting challenges by mentoring a FIRST Robotics team can be used to teach the fundamentals of business through time management, setting specific goals, and teamwork in a fun, yet competitive environment.

Lead America
Continental Room, Lobby Level **T207**

Ralph Nichols, President, Dale Carnegie Training® in Michigan, *offered by* Ralph Nichols Group, Inc.
Phil Zeller, Vice President, Dale Carnegie Training® in Michigan, *offered by* Ralph Nichols Group, Inc.

Do you know what it will take for our youth in America to face the challenges of today and far into the future? We do! Inspired by more than 90 years of the most successful training program in the world, taking the knowledge implemented in 400 of the Fortune 500 companies, and now, bringing it to the future leaders of America's promise, our teenage youth. Join us as we tackle the root of all learning and development, understand the five drivers for success in any occupation or career, and find out how America's youth will maintain our competitive advantage on the world stage.

Each presenter will conduct a roundtable discussion in the Ambassador Ballroom East on Wednesday, February 5, 10:30–11:30 a.m.

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Concurrent Sessions

A Strategic Learning Model

Winchester Room, Conference Level

T301

Mangala Sadasivan, Neurocognitive Specialist,
Cognitive-Speech Rehabilitation Services

This presentation introduces a strategic learning model implemented by Learning Connections and found to have far-reaching benefits for transitional college-bound, learning-disabled students. Participants will engage in exercises that emphasize the concepts of direct brain control, filtering, shortcuts in learning, and working in partnership to maximize student potential. Participants will see the benefits of this innovative model on a student's self-esteem and its far-reaching impact on goal setting and future vocational planning.

Business/Education Collaboration in Kent County

Grandview Room A, Conference Level

T302

James Moore, Community Work-Based Learning Coordinator, Grand Rapids Community College
Kathi Jorgensen, School-to-Career Coordinator, Northview Public Schools
Nancy Ayres, General Manager, Clipper Belt Lacer Company

We will share how Kent County formed a collaborative partnership and created the countywide position of Community Work-Based Learning Coordinator. This position recruits and prepares the local business community to engage in work-based learning activities with grades K–14. Realizing the importance of work-based learning, this partnership helps to connect the world of work and the world of education to prepare our students for careers.

Wyandotte Career Connection

Riverview Room, Lobby Level

T303

Lisa Kurowski, Counselor, Wyandotte Public Schools
Jaclyn Doyle, Career Development Facilitator, Wyandotte Public Schools

The Wyandotte Career Connection is a five-year, comprehensive career development program with scope and sequence. The program begins in the eighth grade and continues through high school. Annual assessments, interest inventories, Education Development Plan reviews, labor market resources, and career exploration events are used to help students prepare for life after high school no matter where their next steps take them. Come and learn how this program began and how it continues to grow to become an integral part of the secondary programs in Wyandotte.

A Career Preparation Success Story: Findings from Our National Study

President Ford Room, Concourse Level

T304

Jeffrey Dole, Lansing Area Manufacturing Partnership (LAMP) Administrator, Ingham Intermediate School District

Kathy Friesen, Supervisor, General Motors Corporation

Chris Laverty, UAW Local 652 Education and Training Representative, General Motors Corporation

David Brown, UAW Local 602 Education and Training Representative, General Motors Corporation

Lori Katz, Lansing Area Manufacturing Partnership (LAMP) Teacher, Ingham Intermediate School District

Now in its sixth year of operation, the nationally- and state-recognized Lansing Area Manufacturing Partnership (LAMP) program has established itself as a model school-to-career initiative. LAMP is a unique partnership among the United Auto Workers, General Motors Corporation, UAW-GM Center for Human Resources, and the Ingham Intermediate School District. Join us as we share exciting results from our national study of this career preparation success story.

Let's Go to the Mall—Educational Opportunities at the Mall

Emerald Room B, Concourse Level

T305

Thomas Nauta, Teacher, Grandville Public Schools, Advisory Board, School Spirit!!! Mall Store

Deb Bales, Manager, Educational Consultant, School Spirit!!! Mall Store

Brenda Clark, Teacher, Jenison Public Schools, Advisory Board, School Spirit!!! Mall Store

John Schwalm, Teacher, Grandville Public Schools, Advisory Board, School Spirit!!! Mall Store

Dave Tchozewski, Teacher, Jenison Public Schools, Advisory Board, School Spirit!!! Mall Store

See how three school districts collaborated to develop K–12 educational programs and partnerships. School Spirit!!!, a mall retail store owned jointly by Grandville, Hudsonville, and Jenison public schools, is the educational center for programs including third-grade economics, fifth-grade MEAPonomics, seventh-grade math and careers, and high-school retail management. Participants in this session will gain an understanding of the planning and development of School Spirit!!! They also will get a brief look at the educational programs and partnerships that have been created over the past four years. Ideas, suggestions, and handouts will be shared so that participants will have momentum in creating their own programs.

Women in Technology

Kendall Room, Conference Level

T306

M. Judith Garland, Vice Chairwoman, Michigan

Women's Commission (MWC)

Margaret J. Krasnoff, Associate Director, Women in Science and Engineering, University of Michigan

The Michigan Women's Commission (MWC) and University of Michigan Women in Science and Engineering Program (WISE) recognize the value to both women and Michigan's economy of maintaining girls' interest in technology, math, and science during their middle- and high-school years—a time statistics indicate interest and participation in these classes decrease dramatically. Representatives of the MWC and WISE will present (1) information about the need for teachers to actively engage female students in math, science, and technology courses, (2) teaching techniques and information about classroom activities that encourage middle- and high-school girls to participate in their math, science, and technology courses, and (3) information regarding extracurricular activities throughout Michigan that engage girls in these subjects.

Recruiting the “Best and the Brightest” for the Building & Construction Trades

Nelson Room, Conference Level

T307

Ed Haynor, School-to-Work Supervisor, Newaygo County Intermediate School District

Walter Christophersen, Training Director, IBEW Local 275 Joint Apprenticeship Training Committee

Gordon Love, Work-Based Learning Coordinator, Kent Intermediate School District

James Hahn, Training Director, Michigan Carpenters' Apprenticeship & Training Fund

Past and present officers of the West Michigan Building & Construction Trades Council, Youth Apprenticeship Sponsors, will present a session on student recruitment in the construction industry. A focal point of this session will be to identify business, labor, and education partnerships that are needed in designing such a program. Participants will identify techniques used in the construction industry to recruit students as well as identify “best practices” used in maintaining a quality School-to-Registered Apprenticeship (STRA) program. Participants will receive the STRA “how-to” guide. Industry representatives, labor officials, and successful students enrolled through STRA will be on hand at this workshop.

Career Pathways: We Agreed To It . . . Now What?

Atrium Room, Atrium Level

T308

Paul Bergan, Regional Director, Career-Technical

Education, Berrien County Intermediate School District

Becky Meier, Director of School Development, Berrien County Intermediate School District

Paul Bergan and Becky Meier will present the WHY, the WHO, and the HOW of establishing the Career Pathways System in 14 school districts in Berrien County. They also will share data which show the impact of Career Pathways on high-school students. In addition, they will discuss Career Pathways products and processes that have delivered positive improvement to the schools in Berrien County. Online Education Development Plans, professional development through business visitations, newspaper ads, minority programs, and the growth of Career Technical Education in the county will be discussed.

There will be a roundtable discussion in the Ambassador Ballroom East on Wednesday, February 5, 10:30–11:30 a.m.

Engaging Parents in the Educational Success of Their Children

Pantlind Ballroom, Concourse Level

T309

Robert Rivera, Director of Operations, Project GRAD USA

Dr. Ellen Harrison, Associate Director for Implementation, Project GRAD USA

Educators and researchers alike cite parental involvement as a critical factor in student academic success. While principals, teachers, community organizations, and business leaders agree on the need for parental involvement, the methods vary greatly, with a wide range of results. This session will outline the Project Graduation Really Achieves Dreams (GRAD) Parent Community Involvement Program, and the strategies employed at the Ysleta Middle School. The intent of the program is to engage all parents/guardians during the students' first 13 years of education (K–12) in activities that reinforce both student academics and family commitment to high-school and college graduation.

This session will be repeated on Wednesday, February 5, from 9:15–10:15 a.m. in the Pantlind Ballroom, Concourse Level.

Manufacturing Technology Academy (MTA) @ M-TECSM: Summer Camps, Integrated Projects, and Rigorous Academics

Imperial Ballroom, Lobby Level

T310

Tim Wheatley, Instructor, Manufacturing Technology Academy of Northwestern Michigan College
Debby Oliver, Instructor, Manufacturing Technology Academy of Northwestern Michigan College
Kirk Hornburg, Executive Director, M-TECSM, Northwestern Michigan College

The Manufacturing Technology Academy at Northwestern Michigan College's M-TECSM facility in Traverse City exploits the engineering and product design processes of local manufacturers to show students the real-world utility of academic concepts from high-level math, science, economics, and English. The rigorous academic curriculum is enhanced by integrated projects, workplace experiences, and design challenges. Engaging "Robotech" summer camps for upper elementary and middle schoolers plant the seeds.

Career Development for Pre-Engineering & Applied Students: A New Way for Students to Discover Who They Are and What Career Is a Good Fit

Vandenberg Room A, Concourse Level

T311

Tracey Moon, Career Advisor, Colleges of Engineering & Aviation, Western Michigan University
Linda Ickes, Associate Director, External Relations, Western Michigan University

Western Michigan University's Career & Student Employment Services (C&SES) customized a one-credit career development course previously taught to all students undecided on a major. It is now offered to first-year students who are undecided about which field of engineering they want to pursue. Find out how the customization to a specific college and the use of fresh, interactive teaching methods assist students in discovering more about themselves and the career field in which they could be happy and successful. Learn about the process C&SES used to obtain support and collaboration from other campus constituents to move forward with this innovative concept.

A Regional Model for Implementation and Management of the Career Preparation System

Emerald Room A, Concourse Level

T312

Charlene Rice, Career Preparation Facilitator
Suzanne Marvosh, Career Preparation Administrative Assistant
Michael Rivard, Career and Technical Education Regional Administrator/Principal, Bay-Arenac Intermediate School District Career Center

This session will describe how Region 8 is working with 28 local school districts to implement the Career Preparation System. The regional structure, standards, and benchmarks for each activity category (Career Pathways, Education Development Plans, and Comprehensive Guidance and Counseling) will be shared. Also included will be a discussion of technical assistance workshop topics and promotional videos of career preparation. Participants will receive helpful information that may be replicated for use in other regions.

The Education/Business Fellowship Program

Thornapple Room, Conference Level

T313

Rashell Johnson, Director, Education/Business Fellowship Program, Spring Arbor University
Suzanne Anderson, Napoleon Community Schools
John Sigmund, CertainTeed

Attendees will receive step-by-step information on implementing a fellowship program. With intermediate school district and superintendent support, educators can connect with businesspersons for a work-based learning experience that can be used to enhance their classroom lessons. Materials to be shared include brochures, guidelines, funding information, year-end reports, examples of successful fellowships, and contact information.

Hosting a Career Pathways Open House

Grandview Room B/C, Conference Level

T314

Diana Gutierrez, Career and Employment Services, Delta College
Gary Brasseur, Admission Representative, Delta College

In this session, attendees will learn how to host a Career Pathways open house. Topics discussed will include linking community college to high schools, recruiting career professionals and high school students, and marketing the event to the community.

Project Infinity—A High School Pre-Engineering Course in Multimedia Information Systems
Heritage Hill Room, Conference Level **T315**

Judy Wheeler, Mathematics Consultant, Berrien County Intermediate School District
John Cybulskis, Infinity Teacher, Niles High School
Jim Craig, Curriculum Director, Niles Community Schools

The innovative Infinity curriculum is a practical, hands-on approach to understanding the relevance of math, science, and engineering in the information era. Students use high-speed digital signal processing hardware and interactive visual software to design systems such as music synthesizers, optical money counters, and wireless communication devices. Visit www.infinity-project.org.

Career Preparation Activities that Work in the Classroom
Vandenberg Room B, Concourse Level **T316**

Mary Stubli, Career Prep Consultant, Lenawee Intermediate School District
Sherry Ramsdell, Elementary Teacher, Addison Community Schools
Mary Tommelein, Middle School Counselor, Tecumseh Public Schools
Doreece Durbin, High School Teacher, Hudson Community Schools

Lenawee County has three success stories to share with you on career preparation activities in the K–12 classroom. An elementary, middle, and high-school teacher will speak on integrating career prep into their areas. The teachers will walk you through their lesson plans and give details and guidelines to help you plan your career prep activities.

From Classroom to Careers: The Senior Mastery Process
Cascade Room, Atrium Level **T317**

Sandy Kesavan, Practicum Director, Henry Ford Academy
Amanda Maher, Social Studies Instructor, Henry Ford Academy

In this presentation, participants will learn about the Senior Mastery Process, a career development program providing students with opportunities to link what they learn in school to the real world. Presenters will also share sample portfolios, video of several components, and reflections on the program's impact on future planning.

A Healthy Dose of Careers: Planning a Health Career Fair
Ottawa Room, Lobby Level **T318**

Paula Freehling, CTE Education Coordinator, Jackson County Intermediate School District
Julie Hand, Director, Career Preparation, Jackson Community College
Joseph Long, Dean of Health Sciences, Baker College of Jackson
Paul Buchholz, Manager, Summit Park Assisted Living Center, Lloyd Ganton Retirement Centers

This session will provide valuable step-by-step information on how to completely organize a hands-on, interactive career fair designed to bring students and health professionals together. Students were able to operate “tools of the trade,” learn soft skills, and determine preparation needed to pursue career opportunities. This career fair can be duplicated for any grade level or pathway.

Academy Development in a Systems Model
Haldane Room, Conference Level **T319**

Marlana Krolicki, Consultant, Oakland Schools
Gary Farina, Consultant, Oakland Schools

In designing an academy, educators may create either a model that completes or one that competes with their current system. What are the elements that need to be in place to create a desired learning opportunity for students in selected career paths? A rubric for understanding these fundamentals will be shared.

Academics+Technology+Careers+ Modules=Even More Successful Freshmen
Berkey Room, Conference Level **T320**

Ed Shalhoup, School to Career Coordinator, Grand Rapids Public Schools

What do you get when you roll self-assessment, career exploration, the six Career Pathways, life skills, computer literacy, and Education Development Plans into one year-long course? In the Grand Rapids Public Schools you get a very successful freshmen course called ATC or Academics, Technology, and Careers. With the introduction of ATC modules, Grand Rapids Public Schools has expanded this successful program to alternative schools and to the special education classroom. We will share materials and information that describe the structure and content of a class that provides students with that extra edge for success in high school, college, and the world of work.